

I N F I N I A

Distributed Power For Emerging Marke

FOSSIL FUELS

Limited Access to
Fossil Fuels

A formidable challenge for most.

A massive opportunity for Infinia



23%
High-Income
Countries

77%
Developing
Countries



INCREASING DEMANDS

- New need to power cell towers and phones
- Awareness of powered economies

Fuel agnostic engine:

Solar, biomass, biodiesel, natural gas, diesel, hy

Products for variety of needs:

Utility-scale, microgrid, remote/village, field oper

Low-cost, minimal maintenance operation

NASA Deep-Space Certified maintenance free e

Product components can be sourced and manuf

Internet-connected cities and
utility-scale solar



Power of
phone c

ent
or 24/7



Optimiz
distribu



MULTI-FUEL GENERATOR



Highly
Efficient

Adaptable

Zero
Maintenance

- 34% heat to electric
- Designed for 25 years
- Solar applications possible
- Applied to a variety of
- Uses any heat source
- Can be produced in large
- Hermetically sealed
- Flexure bearings/gaskets
- No lubricants; no seals



Kennewick, WA x 1
(Development/test, since 2008)

Ogden, UT x 9
(Development/test, since 2008)

DOD Tooele Army Depot x 430
Tooele, UT (Under Construction)

er District, CA x 4
(Demo, 2009)

Sandia National Laboratories, NM x 2
(Development/test, since 2009)

Belen City Hall, NM x 3
(Demo, 2009-2011)

Dairy Processing Facility
Yuma, AZ
(See Inset)

Pepsico / Frito-Lay x 10
Casa Grande, AZ
(See Inset)

Casa Grande, AZ

- 2.7 kW-rated

ma, AZ



Commissioned
PepsiCo, Frito-



2.7kW-rated
Availability: > 0.70



PowerDish 4
3.5 kWe

PowerDish 5
7.5 kWe

PowerDish 10
10 - 30 kWe

Propane Village Power /
Cell Tower Generator
3.5 kWe

Multi-Fuel Tactical
Quiet Generator
3.5 - 7.5 kWe

Off-Grid/Micro-Grid
Generator
3.5 - 7.5 kWe

Hybrid Off-Grid
Power Solution
3.5 kWe

Hybrid Tactical
Quiet Generator
3.5 - 7.5 kWe

Off-Grid

ARMY DEPOT - LAUNCH INSTALLATION

PowerDish™ Solar

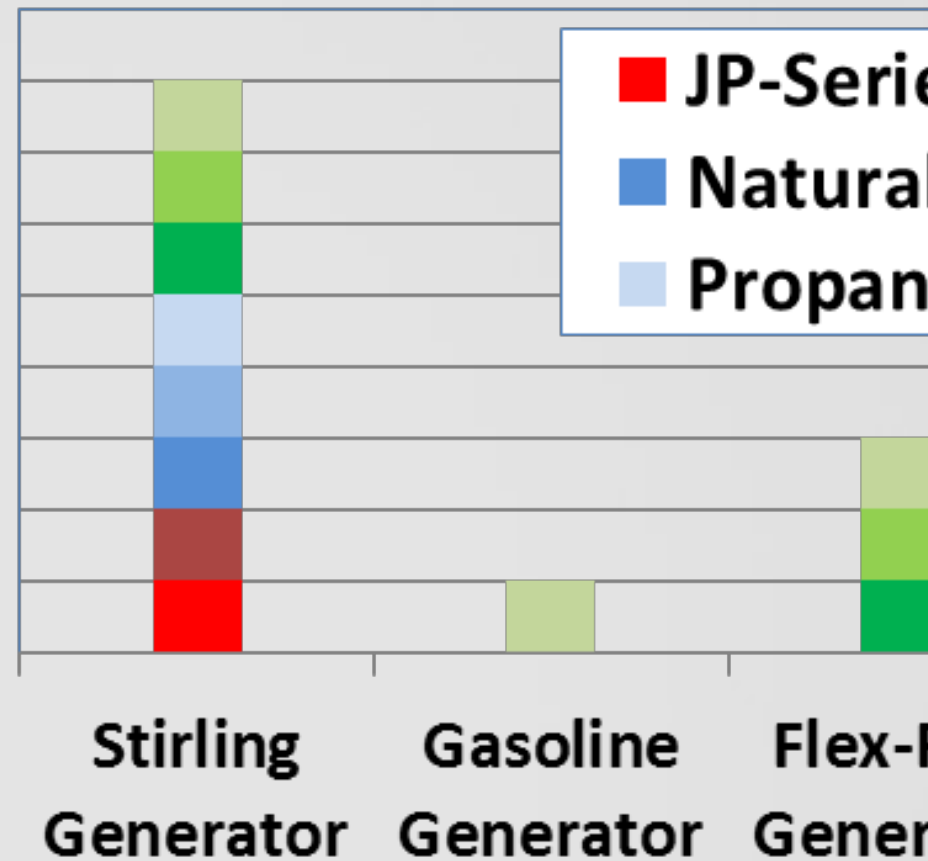
and economics validated by U.S. Army Corp of Engineers (USACE)
Production – fields available for showcase March 2013
Meeting with Joint Chiefs of Staff, Gen. Martin E. Dempsey: August

PARTNERSHIPS

- India (The Kirloskar Group)
- China - Discussions

Canadian Airlines - Discussions

to increase flexibility &
 users
 Capable
 efficiency
 ctor
 ctors
 ts
 nance cost
 g life



Usable Biogas	
Typical IC Generator	Based on
Infinia Biogas Electric Generator	



ing World
Natural Gas
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cy



*“Maintenance and high f
standing problems with d
are often in remote locati*



• We Solar Electrical Power
• We Hybrid Electrical Power
• kWt Harvestable Heat

• hours of Continuous Energy

Other Markets

- Village
- Agri-b
- Nano
- India,

New Products

- 0.5kW
Small
- Solar
24-7

THANK YOU

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